

## **ABSTRACT**

A method and system for representing and implementing a concept between two functional domains (e.g., programming languages) by using a proxy component in a first domain to wrap a component of a second domain, where the proxy component has a semantic usability in the first domain closely corresponding to the semantic usability of the underlying component from the second domain. Further, provided is a method and system for automatically generating such a proxy component. Such proxy components may be used to gradually transform a digital entity (e.g., a software application) from a first digital domain to a second digital domain. Further, such proxy components may be generated using models that transform a component of a first domain to a component (e.g., a proxy component) of a second domain.

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